

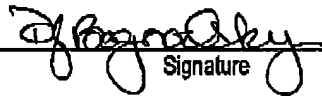
MAR 17 2005

PTO/SB/97 (08-00)

## CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

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Signature

DJ Bogorodsky

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In re: application of: Bruce Pedersen  
Application Number: 10/668,447  
Filed: September 22, 2003  
Confirmation Number: 2355  
Title: HYBRID PHASE/DELAY LOCKED LOOP CIRCUITS AND METHODS  
Atty Docket Number: 015114-064000US SJC/djb

Being faxed to Examiner - Timothy P. Callahan Group 2816 at facsimile number 1-703-872-9306 are  
the following documents:

This PTO/SB/97 Certificate of Transmission (1 page);  
PTO/SB/21 Transmittal Form (1 page);  
PTO/SB/17 Fee Transmittal (1 page submitted in duplicate); and  
Amendment (8 pages);

Number of pages being transmitted: 12

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fax ref. # 35760

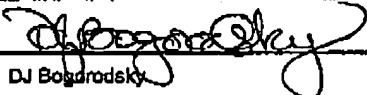
Townsend and Townsend and Crew LLP  
Telephone -- 650-326-2400  
Facsimile -- 650-326-2422

PTO/SB/21 (08-04)

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/668,447	
	Filing Date	September 22, 2003	
	First Named Inventor	Pedersen, Bruce	
	Art Unit	2816	
	Examiner Name	Timothy P. Callahan	
Total Number of Pages In This Submission	12	Attorney Docket Number	015114-064000US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> PTO/SB/17 Fee Transmittal (1pg submitted in duplicate) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (8pgs) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>PTO/SB/97 Certificate of Transmittal (1pg) this PTO/SB/21 Transmittal Form (1pg)</b>
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Steven Cahill		
Date	March 17, 2005	Reg. No.	44,578

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature			
Typed or printed name	DJ Bogardsky	Date	March 17, 2005

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PTO/SB/17 (12-04)

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <h1 style="text-align: center;">FEE TRANSMITTAL</h1> <h2 style="text-align: center;">For FY 2005</h2>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/668,447
		Filing Date	September 22, 2003
		First Named Inventor	Pedersen, Bruce
		Examiner Name	Timothy P. Callahan
		Art Unit	2816
TOTAL AMOUNT OF PAYMENT		(\$ 500)	
		Attorney Docket No.	015114-064000US

**METHOD OF PAYMENT (check all that apply)**

- ☐ Check   ☐ Credit Card   ☐ Money Order   ☐ None   ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account   Deposit Account Number: 20-1430   Deposit Account Name: Townsend and Townsend and Crew LLP
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below   ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17   ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>		<u>Extra Claims</u>		<u>Fee (\$)</u>		<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	
<u>24</u>	-20 or HP =	<u>2</u>	x	<u>\$50</u>	=	<u>\$100</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
HP = highest number of total claims paid for, if greater than 20								
<u>Indep. Claims</u>		<u>Extra Claims</u>		<u>Fee (\$)</u>		<u>Fee Paid (\$)</u>		
<u>5</u>	-3 or HP =	<u>2</u>	x	<u>\$200</u>	=	<u>\$400</u>		
HP = highest number of independent claims paid for, if greater than 3								

**3. APPLICATION SIZE FEE**

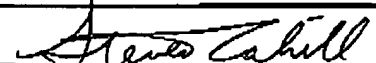
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/ 50 =	(round up to a whole number) x	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: \_\_\_\_\_

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	44,578
Name (Print/Type)	Steven Cahill	Telephone	650-326-2400
		Date	March 17, 2005

60446727 v1

MAR 17 2005

PATENT

Attorney Docket No.: 015114-064000US

Client Ref. No.: A863

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Bruce Pedersen

Application No.: 10/668,447

Filed: September 22, 2003

For: HYBRID PHASE/DELAY  
LOCKED LOOP CIRCUITS AND  
METHODS

Customer No.: 26059

Confirmation No. 2355

Examiner: Timothy P. Callahan

Technology Center/Art Unit: 2816

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed December 17, 2004, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.